



**US Army Corps
of Engineers®**

Engineer Research and
Development Center

Aquatic Nuisance Species Research Program

Problem Over 7000 miles of navigable waterways as well as thousands of miles of coastline and reefs are infested with aquatic nuisance species. These species threaten the Nation's water resources, prevent or seriously hamper navigation, adversely affect flood control, hydropower generation, water supply, and seriously impede recreational use by the public. Introductions of new aquatic nuisance species are increasing tremendously and will continue to expand if not addressed.



Description The purpose of the Aquatic Nuisance Species Research Program (ANSRP) is to conduct interdisciplinary research related to the prevention, control, and management of aquatic nuisance species that impact Corps projects and public facilities. This program resulted from earlier work performed under the Zebra Mussel Research Program and the Aquatic Nuisance Control Research Program.

Expected Products The ANSRP will provide Corps managers and operational personnel with state-of-the-art technology for risk assessment, preventative strategies, basic life history/ecological information, and cost-effective /environmentally sound management options for aquatic nuisance species. On-line products are available at:
<http://el.erdc.usace.army.mil/ansrp/ansrp.html>

Potential Users Corps missions supported include: Navigation, Flood Control, Environment, Hydropower, Regulatory, Recreation and Support for Others.

Projected Benefits Reduction of impacts from Aquatic Nuisance Species on Corps operations and facilities that will save millions of dollars in costs associated with operations and maintenance, species eradication, and ecosystem restoration

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**Participating ERDC
Laboratories** Environmental Laboratory.